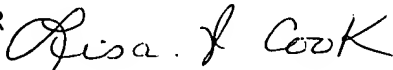


Form 1449		U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET NO. 2328-115		SERIAL NO. 18/462,931							
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Jukka HELLMAN et al.									
				FILING DATE 07 January 2000		GROUP 1641							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCL.	FILING DATE IF APPROPRIATE			
LVC	1	5	2	5	8	5	4	5	11-02-93	Kurihara et al.	560	162	5/22/92
LVC	2	5	1	6	8	0	4	1	12-01-92	Bergmann	435	7.1	10/3/89
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUBCL.	TRANSLATION			
										... YES	NO		
LVC	3	8	3	4	7	4	0	A	04-08-98	EPO	GOIN	33/53	
	4	5	5	7	6	6	3	A	09-01-93	EPO	GOIN	33/68	
	5	5	0	4	4	2	3	A	09-23-92	EPO	GOIN	33/53	
	6	4	1	8	6	1	7	A	03-27-91	EPO	GOIN	33/53	
	7	9	7	3	8	3	0	9	10-16-97	PCT/Japan			x
① LVC	8	4	0	0	8	5	4	6	09-20-90	Germany		JUN 12 2000	x (abstract)
① LVC	9		2	6	3	9	9	9	11-21-86	Japan		TECH CENTER 1600/2000	x (abstract)
① LVC	10		2	0	9	5	9	6	08-31-88	Japan			x (abstract)
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
LVC	11	Hellman, J. et al. (1996). "Epitope Mapping of Nine Monoclonal Antibodies Against Osteocalcin: Combinations into Two-Site Assays Affect Both Assay Specificity and Sample Stability," <i>J. Bone & Mineral Res.</i> 11:1165-1175.											
LVC	12	Nakao, M. et al. (1994). "Synthesis of Human Osteocalcins: γ-Carboxyglutamic Acid at Position 17 is Essential for a Calcium-Dependent Conformational Transition," <i>Peptide Res.</i> 7:171-174.											
LVC	13	Koyama, N. et al. (1991). "A one step sandwich enzyme immunoassay for γ-carboxylated osteocalcin using monoclonal antibodies," <i>J. Immunolog. Meths.</i> 139:17-23.											
LVC	14	Price, P. et al. (1987). "Molecular cloning of matrix Glas protein: Implications for substrate recognition by the vitamin K-dependent γ-carboxylase," <i>Proc. Nat. Acad. Sci. USA</i> 84:8335-8339.											
EXAMINER Lisa J. Cook							DATE CONSIDERED 6/25/01						
EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

① English abstracts considered
ONLY LVC 6/25/01

Form 1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. 2328-115	SERIAL NO. 09/462,931
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Jukka HELLMAN	
		FILING DATE 07 January 2000	GROUP 1641
Examiner Initial	NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
L/C	15	Celeste, A. et al. (1986). "Isolation of the human gene for bone gla protein utilizing mouse and rat cDNA clones," <i>EMBO J</i> 5:1885-1890.	
L/C	16	Pan, L. et al. (1985). "The propeptide of rat bone γ -carboxyglutamic acid protein shares homology with other vitamin K-dependent protein precursors," <i>Proc. Nat. Acad. Sci. USA</i> 82:6109-6113.	
EXAMINER			DATE CONSIDERED 6/25/01
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